

TEST REPORT

Product Name : Camera Hub G5 Pro (PoE)

Model Number : CH-C03E, CH-C03D

Prepared for : Lumi United Technology Co., Ltd
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Report Number : EDG2407040196E02401R
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TABLE OF CONTENT

Description	Page
1. GENERAL INFORMATION	5
1.1 Description of Device (EUT)	5
1.2 Test Facility	6
2. GENERAL PRODUCT INFORMATION	6
2.1 Product Function and Intended Use	7
2.2 Ratings and System Details	7
3. TEST RESULTS	8
3.1 Compliance criteria	8



TEST REPORT DESCRIPTION

Applicant : Lumi United Technology Co., Ltd
 Room801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

Manufacturer : Lumi United Technology Co., Ltd
 Room801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

Trade Mark : Aqara

EUT : Camera Hub G5 Pro (PoE)

Model Number : CH-C03E, CH-C03D

Power Supply : PoE Input:48V= 0.27A
 USB-C Input:5V= 2A

Test Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
EN 62479: 2010, EN 50663:2017	PASS
AS/NZS 2772.2:2016 Amd 1:2018	PASS

The device described above is tested by EMTEK (DONGGUAN) CO., LTD. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. This report shows the EUT to be technically compliant with the EN 62479: 2010 and EN 50663:2017 requirements. The test results are contained in this report and EMTEK (DONGGUAN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests.

This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK (DONGGUAN) CO., LTD.

Date of Test : Jul 04, 2024 to Oct 08, 2024

Prepared by : Jessica Zhang
Jessica Zhang /Editor

Reviewer : Warren Deng
Warren Deng /Supervisor

Approve & Authorized Signer : Sam Lv / Manager



Modified Information

Version	Report No.	Revision Date	Summary
	EDG2407040196E02401R	/	Original Report

1. GENERAL INFORMATION

1.1 DESCRIPTION OF DEVICE (EUT)

EUT	: Camera Hub G5 Pro (PoE)
Model Number	: CH-C03E, CH-C03D All models are the same, except the model name and sale channels. Here, CH-C03E is selected to test all the test items. Each model has two color, white and graphite-grey.
Power supply	: PoE Input: 48V == 0.27A USB-C Input: 5V == 2A
Applicant	: Lumi United Technology Co., Ltd
Address	: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China
Manufacturer	: Lumi United Technology Co., Ltd
Address	: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China
Date of Test	: Jul 04, 2024 to Oct 09, 2024

Note: for more details, please refer to the User's manual of the EUT.

1.2 TEST FACILITY

Site Description

EMC Lab.

: Accredited by CNAS

The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2018
The Certificate Registration Number is L3150

Accredited by FCC

Designation Number: CN1300
Test Firm Registration Number: 945551

Accredited by A2LA

The Certificate Registration Number is 4321.02

Accredited by Industry Canada

The Certificate Registration Number is CN0113

Name of Firm

: EMTEK (DONGGUAN) CO., LTD.

Site Location

: Room 111&112, Building 8, -1&2/F., Office Building2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China

2. GENERAL PRODUCT INFORMATION

2.1 Product Function and Intended Use

The submitted sample is wireless transceiver includes transmitter and receiver.

2.2 Ratings and System Details

	Transceiver
Frequency Range:	2405-2480 MHz
Modulation:	O-QPSK
Number of Channels:	16 channels
Antenna:	PIFA
Antenna Gain:	0.32 dBi
Transmit Power(MAX):	6.62 dBm

3. TEST RESULTS

3.1 Compliance criteria

MAX power: 4.59 mW,

Result:	Pass
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From results of report EDG2407040196E02402R can be assumed that the compliance criteria is Fulfilled (max radiated power is less than 20mW, MAX power : 4.59 mW). The assumption is made with an uncertainty of 3%.

*EN 62479:2010 4.1(D) & 4.2

Measurements or calculations show that available antenna power and/or the average total radiated power are below the low-power exclusion level defined in 4.2 (P max: 20mW)

*** End of Report ***

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